

Aryan Hansoti

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Location: Ahmedabad, Gujarat, India

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EDUCATION

Nirma University

Bachelor of Technology in Computer Science Engineering

Ahmedabad, Gujarat

Aug 2023 – Aug 2027

- **CGPA:** 8.12/10
- Relevant Coursework: Data Structures and Algorithms, Database Management Systems, Discrete Mathematics, Probability and Statistics

TECHNICAL SKILLS

Languages : C++, Python, JavaScript, SQL

Frameworks : React.js, Node.js, Express.js, TailwindCSS, Framer Motion

Databases : MongoDB, MySQL, PostgreSQL

Tools : Git, GitHub, Postman, VS Code, Jupyter Notebook

Core CS : Data Structures, Algorithms, DBMS, OS, CN, OOP

PROJECTS

Parking Issue Resolution System

[GitHub](#)

- Developed the frontend for a full-stack **web application** that enables users to report illegal parking using **React.js**, **TailwindCSS**, and **Framer Motion**.
- Implemented **geolocation tracking**, interactive maps, and a responsive UI to ensure seamless accessibility across devices.
- Integrated real-time **RESTful APIs** with backend services for reporting and tracking violations.
- Collaborated with backend team using **Spring Boot** and **MongoDB Atlas**, with secure access through **JWT authentication**.
- Automated user notifications through integration with the **Twilio API** and email services.

Spotify Clone (Music Streaming & Playlists)

[GitHub](#)

- Engineered a music streaming platform using the **MERN stack**, replicating core Spotify features.
- Integrated the **Spotify API** for dynamic playlist and track fetching with real-time playback support.
- Implemented full **CRUD functionality** for playlist management, improving user personalization.
- Managed global state with **React Context**, ensuring smooth synchronization across components.
- Integrated the **YouTube API** to stream unavailable tracks, enhancing platform reliability.
- Optimized database operations on **MongoDB Atlas** for scalability and reduced query latency.

CropFinancePro – Hackathon Finalist (Top 10/400+)

[GitHub](#)

- Designed and built the frontend of an AI-powered farmer credit scoring platform using **React.js**.
- Integrated external **APIs** (GIS, weather, USDA crop datasets) to provide real-time insights for loan evaluation.
- Implemented secure form submissions and loan tracking through backend **RESTful API** integration.
- Delivered responsive design and intuitive data visualizations to improve farmer and lender decision-making.
- Automated email/SMS notifications for loan updates, improving platform usability.
- Ranked in the **Top 10 out of 400+ teams** at the Ahmedabad University Hackathon.

COMPETITIVE PROGRAMMING

Solved **500+** problems on LeetCode, strengthening skills in algorithms, data structures, and competitive problem-solving.

Achieved a peak contest rank of **2593**; secured a **Top 10k** finish in 11 contests; maintained a global rank under **150k**.

Maintained a LeetCode contest rating of **1629**, reflecting consistent performance in algorithmic challenges.